

Isabel S. Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,221
citations

236925

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docs citations

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times ranked

5130
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Essential Minerals and Trace Elements in Edible Sprouts from Different Botanical Families – Application of Chemometric Analysis. <i>Foods</i> , 2022, 11, 371.	4.3	10
2	Algae biotechnology for nutritional and pharmaceutical applications. , 2022, , 177-194.		1
3	A realistic scenario on microalgae based biodiesel production: Third generation biofuel. <i>Fuel</i> , 2021, 284, 118965.	6.4	97
4	Antioxidant and cytotoxic activities of sulfated polysaccharides from five different edible seaweeds. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 567-576.	3.2	29
5	Brown seaweeds as a source of anti-hyaluronidase compounds. <i>South African Journal of Botany</i> , 2021, 139, 470-477.	2.5	13
6	Phycoremediation potential of <i>Chlorella</i> sp. on the polluted Thirumanimutharu river water. <i>Chemosphere</i> , 2021, 277, 130246.	8.2	24
7	Food Composition Databases: Does It Matter to Human Health?. <i>Nutrients</i> , 2021, 13, 2816.	4.1	26
8	Current strategies and prospects in algae for remediation and biofuels: An overview. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102045.	3.1	34
9	Chemical Composition, Antioxidant, and α -Glucosidase-Inhibiting Activity of Aqueous and Hydroethanolic Extracts of Traditional Antidiabetics from Croatian Ethnomedicine. <i>Horticulturae</i> , 2021, 7, 15.	2.8	7
10	Isolation and characterization of two novel plasmids pCYM01 and pCYM02 of <i>Cylindrospermum stagnale</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 535-542.	3.8	3
11	Assessment of microbial diversity and enumeration of metal tolerant autochthonous bacteria from tailings of magnesite and bauxite mines. <i>Materials Today: Proceedings</i> , 2020, 33, 4391-4401.	1.8	20
12	Evaluation of Proximate Composition, Antioxidant Properties, and Phylogenetic Analysis of Two Edible Seaweeds. <i>Smart Science</i> , 2020, 8, 95-100.	3.2	5
13	Screening of the Antioxidant and Enzyme Inhibition Potentials of Portuguese <i>Pimpinella anisum</i> L. Seeds by GC-MS. <i>Food Analytical Methods</i> , 2018, 11, 2645-2656.	2.6	31
14	Screening of the alterations in qualitative characteristics of grape under the impacts of storage and harvest times using artificial neural network. <i>Evolving Systems</i> , 2018, 9, 81-89.	3.9	9
15	Applications of microalgal paste and powder as food and feed: An update using text mining tool. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 740-747.	2.0	49
16	Algal Biotechnology. , 2018, , 31-52.		5
17	Omics Approaches in Fungal Biotechnology. , 2018, , 53-70.		2
18	Modelling of the Selected Physical Properties of the Fava Bean with Various Moisture Contents Using Fuzzy Logic Design. <i>Journal of Food Process Engineering</i> , 2017, 40, e12366.	2.9	14

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19	Application of an adaptive neuro_fuzzy inference system (ANFIS) in the modeling of rapeseeds' oil extraction. <i>Journal of Food Process Engineering</i> , 2017, 40, e12562.	2.9	18
20	Modelling of Microwave Assisted Extraction (MAE) of Anthocyanins (TMA). <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2017, 6, 92-100.	1.5	40
21	Identification of Predominant Phytochemical Compounds and Cytotoxic Activity of Wild Olive Leaves (<i>Olea europaea</i> L. ssp. <i>sylvestris</i>) Harvested in South Portugal. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600331.	2.1	29
22	Internal Transcribed sequence (ITS) of <i>Halocafeteria seosinensis</i> (Bicosoecids). <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2017, 6, 266-268.	2.0	1
23	The impact of germination time on the some selected parameters through malting process. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 663-668.	7.5	32
24	Antibacterial, antioxidant and anti-proliferative properties and zinc content of five south Portugal herbs. <i>Pharmaceutical Biology</i> , 2017, 55, 114-123.	2.9	43
25	Chemical Composition, Antioxidant and α -Glucosidase-Inhibiting Activities of the Aqueous and Hydroethanolic Extracts of <i>Vaccinium myrtillus</i> Leaves. <i>Molecules</i> , 2017, 22, 703.	3.8	42
26	Recent developments in therapeutic applications of Cyanobacteria. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-12.	6.1	59
27	Effect of <i>Betula pendula</i> Leaf Extract on α -Glucosidase and Glutathione Level in Glucose-Induced Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	1.2	6
28	Phenolics extraction from sweet potato peels: modelling and optimization by response surface modelling and artificial neural network. <i>Journal of Food Science and Technology</i> , 2016, 53, 4117-4125.	2.8	21
29	Modelling of mass transfer kinetic in osmotic dehydration of kiwifruit. <i>International Agrophysics</i> , 2016, 30, 185-191.	1.7	15
30	Development of a beverage benchtop prototype based on sweet potato peels: optimization of antioxidant activity by a mixture design. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 496-506.	2.8	5
31	Screening of the aerodynamic and biophysical properties of barley malt. <i>International Agrophysics</i> , 2016, 30, 457-464.	1.7	10
32	Antioxidant activity and lipid profile of three seaweeds of Faro, Portugal. <i>Revista Brasileira De Botanica</i> , 2016, 39, 9-17.	1.3	21
33	Exploring On-Line Meteorological Resources in Engineering. <i>International Journal of Online Engineering</i> , 2016, 12, 28.	0.5	1
34	Microalgae as an Attractive Source for Biofuel Production. , 2015, , 129-157.		5
35	Impact of industrial salt effluent and seaweed liquid fertilizers on three microalgae. <i>Revista Brasileira De Botanica</i> , 2015, 38, 547-553.	1.3	6
36	A review of the health benefit potentials of herbal plant infusions and their mechanism of actions. <i>Industrial Crops and Products</i> , 2015, 65, 247-258.	5.2	137

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37	Biomass from Microalgae: An Overview. <i>Oceanography Open Access</i> , 2014, 02, .	0.1	9
38	<i>In vitro</i> Antioxidant Activity, Phenolic Compounds and Protective Effect against DNA Damage Provided by Leaves, Stems and Flowers of <i>Portulaca oleracea</i> (Purslane). <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	20
39	Effect of <i>Erica australis</i> extract on Caco-2 cells, fibroblasts and selected pathogenic bacteria responsible for wound infection. <i>Industrial Crops and Products</i> , 2014, 52, 99-104.	5.2	16
40	Accumulation of fatty acids in purslane grown in hydroponic salt stress conditions. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 235-242.	2.8	21
41	Phenolics extraction from sweet potato peels: Key factors screening through a Plackett-Burman design. <i>Industrial Crops and Products</i> , 2013, 43, 99-105.	5.2	24
42	Antioxidant activities, distribution of phenolics and free amino acids of <i>Erica australis</i> L. leaves and flowers collected in Algarve, Portugal. <i>Natural Product Research</i> , 2013, 27, 1664-1667.	1.8	10
43	Spotlight on PGI Sweet Potato from Europe: Study of Plant Part, Time and Solvent Effects on Antioxidant Activity. <i>Journal of Food Biochemistry</i> , 2013, 37, 628-637.	2.9	8
44	- Towards Engineering Dark-Operative Chlorophyll Synthesis Pathways in Transgenic Plastids. , 2013, , 408-421.		3
45	Mechanism of action of probiotics. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 113-119.	0.5	73
46	Antioxidant and Free Radical Scavenging Activities of Different Plant Parts from Two <i>Portulaca</i> Species. <i>Journal of Food Quality</i> , 2012, 35, 307-314.	2.6	15
47	An Indian scenario on renewable and sustainable energy sources with emphasis on algae. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1125-1135.	3.6	36
48	Fatty acids profile of selected <i>Artemisia</i> spp. plants: Health promotion. <i>LWT - Food Science and Technology</i> , 2011, 44, 293-298.	5.2	26
49	Phenolic composition and antioxidant capacity of six <i>Artemisia</i> species. <i>Industrial Crops and Products</i> , 2011, 33, 382-388.	5.2	92
50	Effect of photoperiod on flavonoid pathway activity in sweet potato (<i>Ipomoea batatas</i> (L.) Lam.) leaves. <i>Food Chemistry</i> , 2010, 118, 384-390.	8.2	86
51	Δ ⁶ -3 Fatty Acid Desaturase Genes Isolated from Purslane (<i>Portulaca oleracea</i> L.): Expression in Different Tissues and Response to Cold and Wound Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1870-1877.	5.2	61
52	Molecular cloning and expression analysis of three omega-6 desaturase genes from purslane (<i>Portulaca oleracea</i> L.). <i>Biotechnology Letters</i> , 2009, 31, 1089-1101.	2.2	47
53	Effects of salt stress on purslane (<i>Portulaca oleracea</i>) nutrition. <i>Annals of Applied Biology</i> , 2009, 154, 77-86.	2.5	50
54	CHEMICAL AND MICROBIAL CHANGES DURING THE NATURAL FERMENTATION OF STRAWBERRY TREE (<i>ARBUTUS UNEDO</i> L.) FRUITS. <i>Journal of Food Biochemistry</i> , 2007, 31, 715-725.	2.9	29

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55	Evaluation of oil composition of some crops suitable for human nutrition. <i>Industrial Crops and Products</i> , 2006, 24, 75-78.	5.2	87
56	Influence of Water Stress on the Chemical Composition of Seeds of Two Lupins (<i>Lupinus albus</i> and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	3.5	36
57	EFFECTS OF WATER STRESS ON THE PROXIMATE COMPOSITION AND MINERAL CONTENTS OF SEEDS OF TWO LUPINS (<i>LUPINUS ALBUS</i> AND <i>LUPINUS MUTABILIS</i>). <i>Journal of Food Quality</i> , 2005, 28, 325-332.	2.6	8
58	Sugar metabolism in developing lupin seeds is affected by a short-term water deficit. <i>Journal of Experimental Botany</i> , 2005, 56, 2705-2712.	4.8	38
59	Quality and Distribution of Assimilates within the Whole Plant of Lupines (<i>L. albus</i> and <i>L. mutabilis</i>) Influenced by Water Stress. <i>Journal of Agronomy and Crop Science</i> , 2004, 190, 205-210.	3.5	30
60	EFFICIENCY OF TRIPLE EMITTER SOURCE (TES) FOR IRRIGATION EXPERIMENTS OF HORTICULTURAL CROPS. <i>Acta Horticulturae</i> , 2002, , 183-188.	0.2	3
61	How Plants Cope with Water Stress in the Field? Photosynthesis and Growth. <i>Annals of Botany</i> , 2002, 89, 907-916.	2.9	1,523